

First Hit   Fwd Refs



Generate Collection

L2: Entry 4 of 6

File: USPT

Dec 23, 1997

DOCUMENT-IDENTIFIER: US 5701492 A  
TITLE: Fail-safe flashing of EPROM

First Hit   Fwd Refs☐ Generate Collection

L22: Entry 4 of 7

File: USPT

Nov 30, 1999

DOCUMENT-IDENTIFIER: US 5996046 A

TITLE: Parity generation system for generating new parity using old data in temporary storage without accessing main disk storage of disk drive

Detailed Description Text (16):

The parity holding means 218 is a set of memory areas having a block size equal to the logical block length of the magnetic disk device. The number q of blocks which the parity holding means 218 has determines the number of parity data which can be used for the delayed parity process. The parity address holding unit 111 is an array of structures including a memory address of the old parity or the old updated data held in the parity holding means 218, a disk device number which stores the parity corresponding to the memory address, a parity disk address which is the logical block address in the disk device, a time stamp, and a flag for indicating whether the held content is the old updated data or the old parity, and if it is the old parity, whether it is same as that written on the disk. The number of arrays corresponds to the number of blocks q of the parity holding means 218.